

FIG. 1

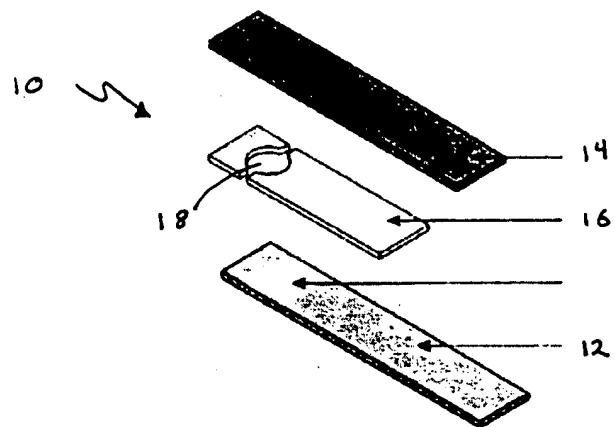


FIG. 2

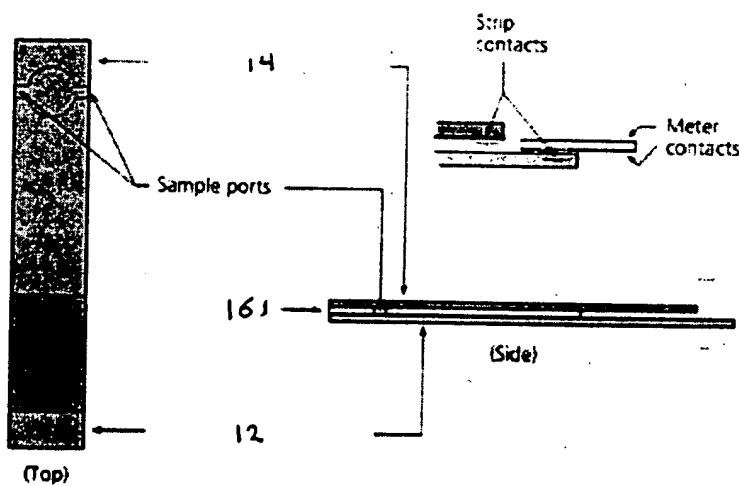


FIG. 3

Surface Treatment using 1 mM Cystine-Wash and 0.1 mM Cystine-No wash (3/09)

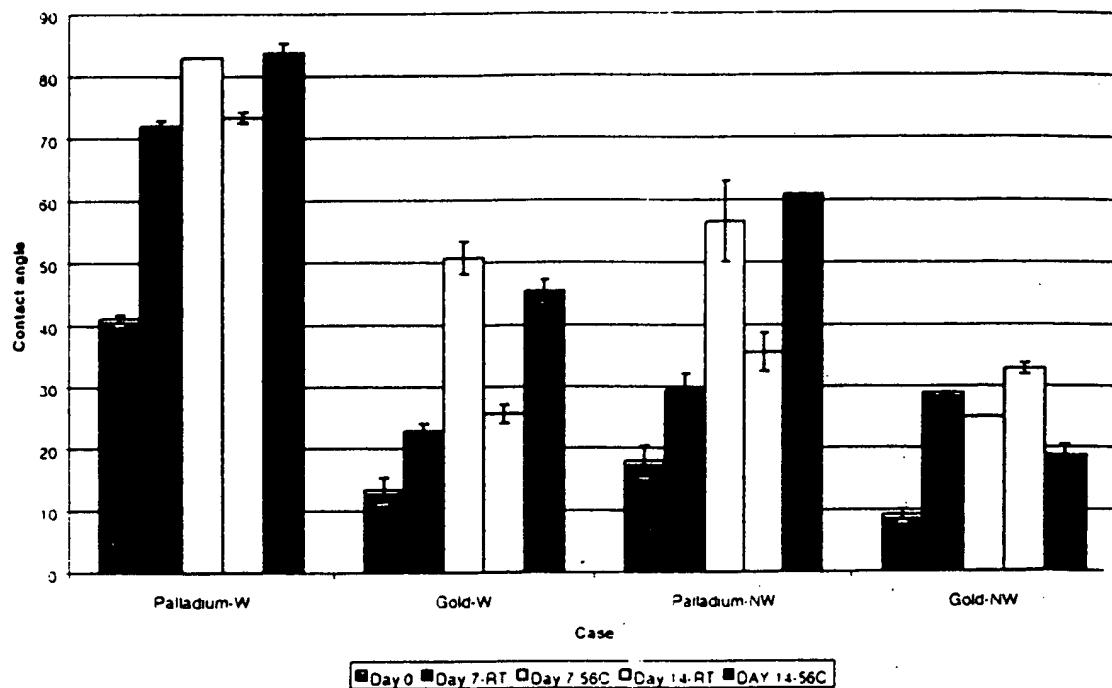


FIG. 4

Surface treatment with 1 mM Cystine wash & 0.1mM Cystine no wash on Palladium & Gold sensors,
Blank cell-blood wicking time study

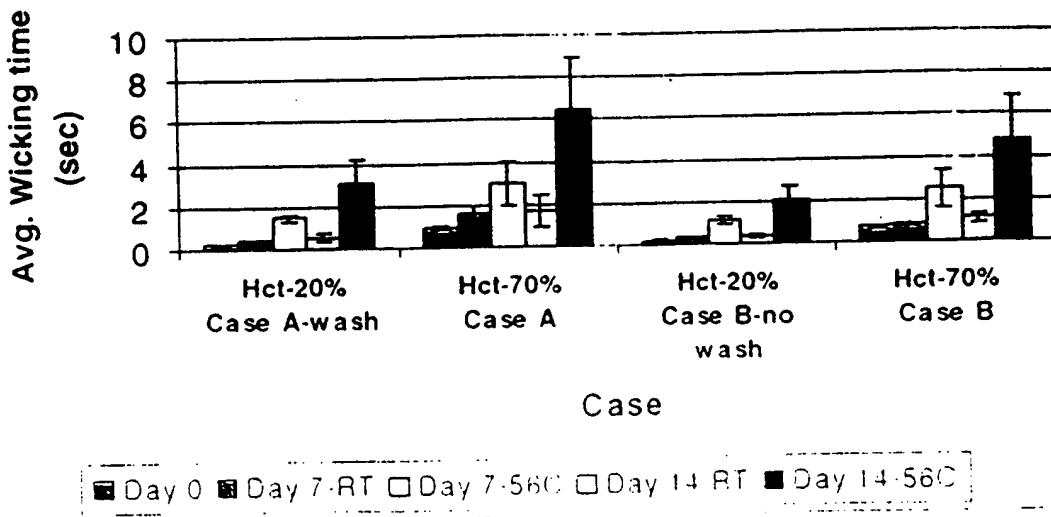


FIG. 5A

Aldrich MESA (98%) 0.1% @ pH 5.40, Surface treated Gold and Palladium with tape(ARI), hang dried n=5

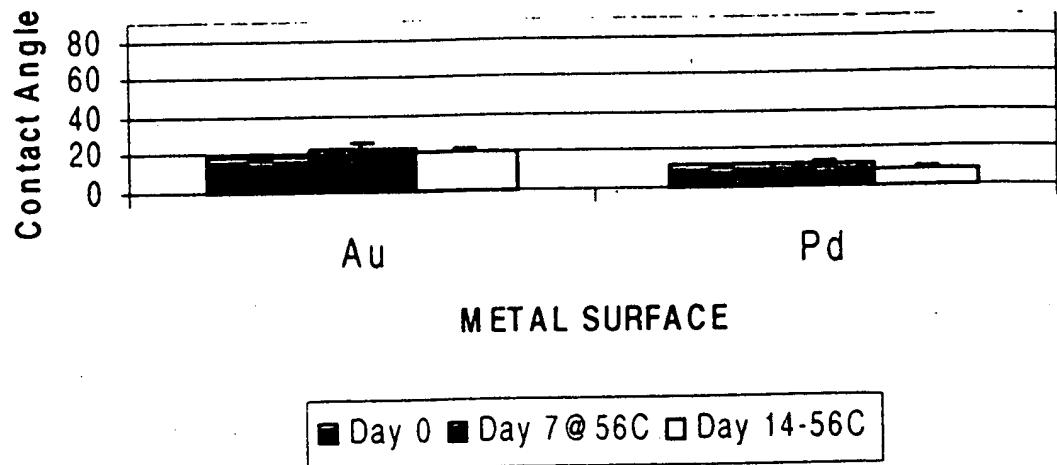


FIG. 5B

Aldrich MESA (98%) 0.1% @ pH 11.5, Surface treated Gold and Palladium with tape (ARI), hang dried n=5

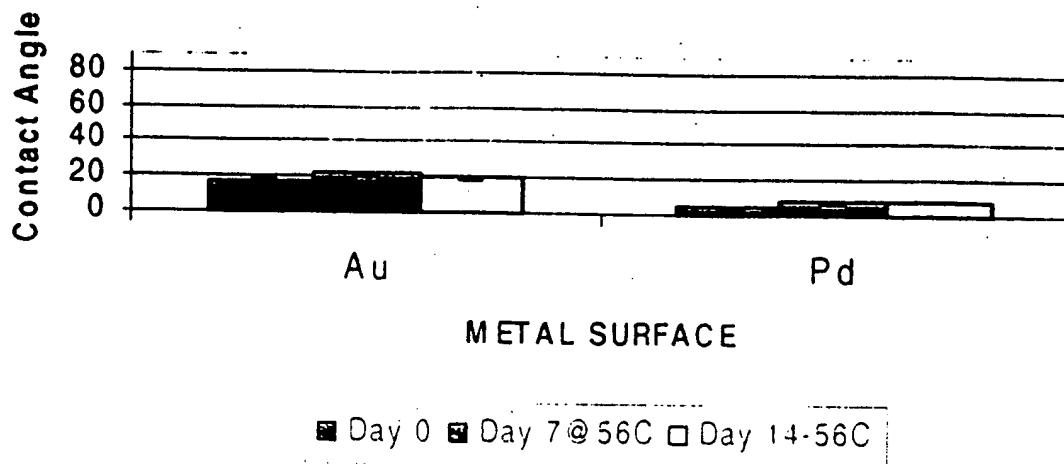


FIG. 6

Blank sensors, wicking time study, Aldrich MESA (98%) 0.1% @ pH 5.40 & 11.5, Surface treated of Gold and Palladium, hang dried, blood hct 70%, n=20

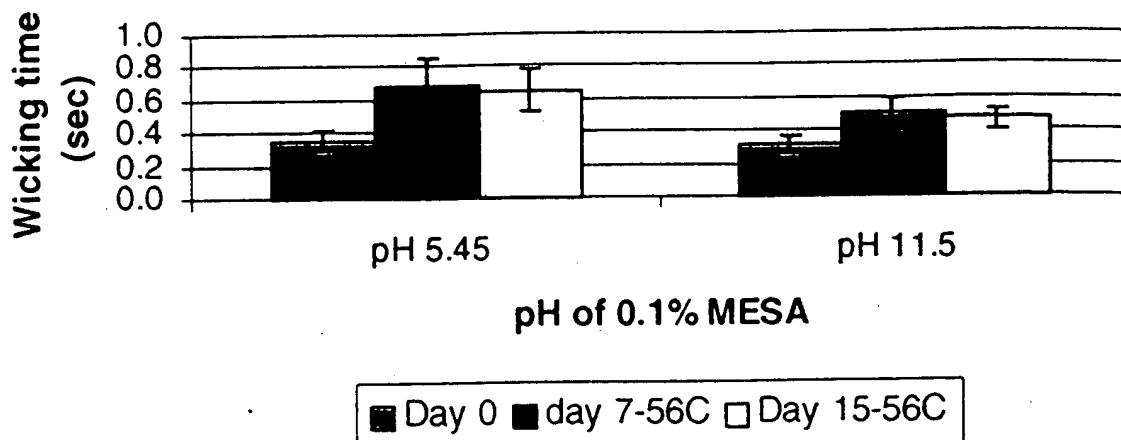


FIG. 7

Hand coated sensors 7/22, 0.1m Kpi pH 7, 170 mM FCN, GDH(8403A) 6 units/electrode, Blood hct 70%, n=8
Case A:Pd/Cys & Au/cys+tx-100,
Case B:Pd/mesa & Au/mesa,
Case C: Pd/Cys & Au/mesa

